

# ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

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IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 10/23/2013		2. CONTRACT NO. (If any) EP-W-13-025		6. SHIP TO: a. NAME OF CONSIGNEE Region 5 Laboratory	
3. ORDER NO. 0003		4. REQUISITION/REFERENCE NO.			
5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460				b. STREET ADDRESS US Environmental Protection Agency 536 South Clark St	
				c. CITY Chicago	e. ZIP CODE 60605-1582
7. TO: JUDY MANLEY				f. SHIP VIA	
a. NAME OF CONTRACTOR TECHLAW, INC.				8. TYPE OF ORDER	
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
c. STREET ADDRESS 14500 AVION PKY STE 300 (b)(4)				Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
d. CITY CHANTILLY		e. STATE VA	f. ZIP CODE 201511108		
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE TIFSD	

11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB				12. F.O.B. POINT Destination	
13. PLACE OF a. INSPECTION Destination		b. ACCEPTANCE Destination		14. GOVERNMENT B/L NO.	
				15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
				16. DISCOUNT TERMS	

## 17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 116211863 Ambient Air Quality Monitoring Field Quality Assurance Support  This task order is placed with a funding ceiling and task order ceiling of Continued ...					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
	21. MAIL INVOICE TO:						
	a. NAME RTP Finance Center						\$0.00
	b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive						
c. CITY Durham				d. STATE NC	e. ZIP CODE 27711	\$35,000.00	17(i) GRAND TOTAL

22. UNITED STATES OF AMERICA BY (Signature)

23. NAME (Typed)  
Helen Britz  
TITLE: CONTRACTING/ORDERING OFFICER

# ORDER FOR SUPPLIES OR SERVICES

## SCHEDULE - CONTINUATION

PAGE NO

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 10/23/2013	CONTRACT NO. EP-W-13-025	ORDER NO. 0003
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ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	<p>\$35,000.00 until a final negotiated task order proposal is accepted. The funding lines on this base order are allocated from the contract. The contractor is authorized to begin work under the Task Order 0003 SOW.</p> <p>TOPO: Steve Peterson Max Expire Date: 09/29/2016</p> <p>Admin Office:</p> <p style="padding-left: 40px;">SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460</p> <p>Accounting Info:</p> <p>13--E1-53GS-102A04XPM-4183---1353PM3131-001</p> <p>BFY: 13 Fund: E1 Budget Org: 53GS Program (PRC): 102A04XPM Budget (BOC): 4183 DCN - Line ID: 1353PM3131-001</p> <p>Period of Performance: 10/23/2013 to 09/29/2014</p>					
0001	<p>Base Period</p> <p>Obligation Amt from Base:\$35,000.00</p> <p>Incrementally Funded Amount: \$0.00</p>				0.00	
0002	<p>Option Period 1 (Option Line Item) 08/29/2014</p> <p>September 30, 2014 - September 29, 2015</p>				0.00	
0003	<p>Option Period 2 (Option Line Item) 08/31/2015</p> <p>September 30, 2015 - September 29, 2016</p> <p>The obligated amount of award: \$0.00. The total for this award is shown in box 17(i).</p>				0.00	
TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))					\$0.00	

**ENVIRONMENTAL SERVICES ASSISTANCE TEAM (ESAT)****Region 5 (Contract#EP-W-13-025)****TechLaw****Task Order 0003: Ambient Air Quality Monitoring Field Quality Assurance Support**

Performance Period: 10/22/13 to 09/29/16

**Purpose**

The Contractor shall perform field and field-related support to implement field quality assurance (QA) of ambient air quality monitoring, at selected State, tribal, and local air monitoring stations in Region 5, for the Region 5 Air Division.

The air monitoring QA programs include: 1) the Federal Reference Method (FRM) performance evaluation program (PEP) for the PM<sub>2.5</sub> monitoring program under the Clean Air Act, 2) the National Performance Audit Program (NPAP) for National Ambient Air Quality Standards gases including the Through-the -Probe (TTP) Performance Evaluation Program for Criteria Pollutant Monitoring (<http://www.epa.gov/air/oaqps/qa/index.html>), 3) the Standard Reference Photometer (SRP) Program of audits of selected state and local ozone monitors in Regions 9 and 10, and 4) the Lead Performance Evaluation Program (Pb-PEP; (<http://www.epa.gov/ttn/amtic/pb-monitoring.html>)). The Contractor shall perform work according to the following Tasks and in response to technical direction from the Task Manager (TM) designated for the respective Task.

**Task Area 1****PM<sub>2.5</sub> FRM Performance Evaluation Program Field Support Services For Region 5****Purpose**

The purpose of this Task Order (TO) is to implement a performance evaluation program on established ambient air field instruments used to monitor particulate matter with an aerometric diameter of 2.5 microns or less (PM<sub>2.5</sub>).

The contractor shall perform and provide field support services to the EPA Region 5 under the provisions of the Statement of Work (SOW) Task I, Section D; Task III; Task IV; Task V; Task VI; and other applicable support functions, including equipment maintenance and repair, health and safety and environmental compliance activities outlined in the SOW. The Contractor shall perform site-or project-specific work as described below or on Technical Direction Forms (TDFs) at any time during the duration of this TO.

**Area 1-1. Task Order Management**

The contractor shall track the status of tasks and labor hours and costs for each task under this TO, including each site-specific project, in accordance with a Standard Operating Procedure (SOP) to be submitted by the contractor for EPA approval. The contractor shall provide the Project Officer (PO) and Task Order Project Officer (TOPO) with weekly reports of the above-

referenced data. The initial report shall be in a format proposed by the contractor. EPA will review the initial report and specify changes for subsequent reports through the issuance of a TDF.

Team management shall meet with the PO, TOPO, and other designated EPA representatives on a weekly basis or as needed, at agreed-upon times, to update EPA on the status of tasks and schedules for their completion and to address relevant administrative and technical issues.

The contractor shall submit all deliverables required under this TO through a transmittal slip and cover letter identifying each document submitted. The contractor shall also maintain a hard copy and computer file of each deliverable submitted under this TO.

The contractor shall peer review all deliverables prior to submission to EPA. The peer reviewer shall not have been significantly involved in the direct preparation of the deliverable being reviewed. The review shall assure that each deliverable is accurate and complete, technically sound, and free of clerical errors. A copy of the appropriate Internal Review Form(s), completed in accordance with the contractor's Quality Management Plan (QMP), shall be provided to the PO and TOPO with each deliverable. If such a review cannot be performed on any deliverable, the contractor shall contact the PO and TOPO prior to submission of the deliverable.

The contractor shall immediately notify the PO and TOPO as soon as it appears that schedules for the completion of any task may not be met. This notification shall be submitted via e-mail on a form developed by the contractor and approved by the PO. The contractor shall also notify the PO immediately upon learning of anything that may affect performance under this TO.

The contractor shall implement its quality assurance program in accordance with its QMP. The contractor shall revise its QMP and Quality Assurance Project Plan (QAPP) in accordance with task requirements or as required by EPA through the issuance of a TDF.

The contractor shall implement a health and safety program in accordance with its Health and Safety Plan and all applicable Federal, state, and local laws and regulations and EPA facility work rules. The contractor shall revise its Health and Safety plan as needed to assure that all requirements specified above are addressed.

### **Deliverables for 1-1**

The contractor shall submit to the Contracting Officer (CO), PO, and TOPO an SOP for tracking activities under this TO for EPA approval.

The contractor shall submit to the PO and TOPO weekly reports of the status of tasks and costs under this TO. The reports shall be submitted on Thursdays for the preceding weekly period.

The contractor shall submit to the PO and TOPO any revisions to its QMP and QAPP, in



accordance with task requirements and TDFs issued by EPA.

**For the following tasks, it is estimated that Contractor personnel will visit about 40-45 sites per quarter and will repeat the same sites for other three quarters.**

### **Area 1-2. Field Implementation Support**

The contractor shall perform all field activities utilizing the field methods as specified in the SOPs listed at the end of this Task, under the heading, "Documentation." A brief description of the field activities is given below:

1. The contractor shall ensure that all personnel performing work under this Task have received appropriate training and have been certified by EPA to perform field activities under this Task. Details concerning training and certification are provided in Task 6 of this TO.
2. The contractor shall receive sample filters from a pre-determined EPA Regional laboratory and store them appropriately until use.
3. The contractor shall transport a portable PM<sub>2.5</sub> federal reference method (FRM) performance evaluation sampling device to an established PM<sub>2.5</sub> site, assemble the instrument, collocate the sampler, perform all necessary quality control checks, install a filter and operate the instrument at the same 24-hour sampling mode as the routine instrument (midnight to midnight). If scheduling specifies, the operator will leave this location to set up an additional 24-hour performance evaluation FRM at another routine sampling location. If the schedule does not specify another performance evaluation, the operator should perform additional activities specified in the TO or TDF. The contractor shall return to each site after the 24-hour sampling time, download the stored electronic monitoring data, record any additional required field information, remove and properly store the filter for transport, and disassemble the instrument. The contractor shall properly package the filter, the appropriate electronic data, and hardcopy forms for transport to the pre-determined EPA Regional laboratory.

The contractor may be required to attend meetings or conference calls with the TOPO and state personnel for planning and coordinating purposes. Field sites and tasks at those sites will be assigned to the contractor for field support by means of a TDF approved by the TOPO and PO. All work shall be completed in accordance with the instructions of the TDF, including all referenced SOPs and guidance. No deviations from the SOPs, instructions, work requested, or technical procedures given in the TDF, shall be made without prior receipt of alternate written technical direction.

The contractor shall perform field Quality Assurance/Quality Control (QA/QC) related activities as associated with this task, such as calibrations, verifications, collocations, implementing field blanks, review of field data validity, entry of data into logbooks, preparation of chain-of-custody reports and deliverables, as specified in the TDF.

The Contractor shall coordinate with the laboratory which ships filters to Region 5 and communicate with the TOPO regarding filter needs and filter shipments. The Contractor shall conduct these communications consistent with the SOPs for the PM<sub>2.5</sub> Performance Evaluation Program, field portion (PEPF) section 2.0.2.

The Contractor shall receive, store, handle, and ship filters according to PEPF-3.01, PEPF-8.01, PEPF-8.02, PEPF-8.03, and PEPF-9.01. These procedures and the analytical routine at the weighing laboratories apportion Region 5 a fixed number of filters biweekly. Accordingly, the Contractor shall take into account the budget of filters in project planning. Whenever, due to anticipated fluctuations in filter demand, the routine apportionment of filters will be inadequate to cover the demand, the Contractor shall notify the laboratory of the specific number of extra filters needed so that a request for supplemental filters can be made. The Contractor shall notify the laboratory of such supplemental needs for filters at least two (2) weeks in advance of the actual need. Projections of filter demand shall include all filters needed for the project, including those used in actual performance evaluations, field blanks, collocation tests, and an allowance for losses due to defects or damage. The additional allowance for losses shall be approximately ten percent of the filter demand imposed by the SOP and the planned schedule of performance evaluations.

The Contractor shall inspect, inventory, and store other supplies that are to be used in the PM<sub>2.5</sub> Performance Evaluation Program, consistent with the standard operating procedure PEPF-2.01, Equipment Inventory.

The Contractor shall record, organize, label, and file records pertaining to the PM<sub>2.5</sub> Performance Evaluation Program. The Contractor shall also maintain documents and records pertinent to the PEP in accordance with the SOP PEPF-11.01 and organize the files according to a scheme consistent with Table 11-1 of the SOP.

### **Documentation:**

#### **SOPs, SOWs and Guidelines Available to the Contractor**

For the performance of field support operations as defined in this Task, activities are to be accomplished using the basic methods as described in the following documents:

- Implementation Plan: PM<sub>2.5</sub> Federal Reference Method Performance Evaluation Program
- Quality Assurance Project Plan for the PM<sub>2.5</sub> Performance Evaluation Program
- Quality Assurance Guidance Document 2.12: Monitoring PM<sub>2.5</sub> in Ambient Air Using Designated Reference or Class I Equivalent Methods
- PM<sub>2.5</sub> FRM Performance Evaluation Program Quality Assurance Project Plan
- Monitor-specific operating manuals

- Standard Operating Procedure for the FRM Performance Evaluation Field Activities. This SOP contains procedures covering the following subject areas:

<b><u>Subject</u></b>	<b><u>Procedure Number</u></b>
1. Overview of FRM Performance Evaluation Field Activities	PEPF-1.01
2. Planning and Preparing for Site Visits	
Equipment Inventory and Storage	PEPF-2.01
Communications	PEPF-2.02
Site Visit Preparation	PEPF-2.03
3. Cassette Receipt, Storage and Handling	PEPF-3.01
4. Sampler Transport and Placement	PEPF-4.01
5. Sampler Assembly and Maintenance	
Sampler Assembly/Disassembly	PEPF-5.01
Sampler Maintenance and Cleaning	PEPF-5.02
6. Verifications	
Leak Check Procedures	PEPF-6.01
Barometric Pressure Verification	PEPF-6.02
Temperature Verification	PEPF-6.03
Flow Rate Verification	PEPF-6.04
7. Calibrations	
Pressure Calibration	PEPF-7.01
Temperature Calibration	PEPF-7.02
Flow Calibration	PEPF-7.03
8. Sample Filter Handling	
Conducting the Filter Exposure	PEPF-8.01
Filter Sample and Data Retrieval	PEPF-8.02
Filter Packing and Shipment	PEPF-8.03
9. Filter Chain-of-Custody and Field Data Sheet	PEPF-9.01

10. Quality Assurance Quality Control	PEPF-10.01
Field Data Verification/Validation	PEPF-10.02
11. Information Retention	PEPF-11.01

The standard operating procedures listed above are available through the Internet at the following address: [www.epa.gov/ttn/amtic/pmqa.html](http://www.epa.gov/ttn/amtic/pmqa.html).

### **Deliverables for 1-2**

For each sample project assigned to the contractor or as specified by the TDF, the submission of interim and/or final deliverables will be required as listed below:

Filters and appropriate data, field forms, and chain-of-custody forms will be packed in accordance with the instruction contained in the above referenced SOPs and shipped within 12 hours of filter retrieval via overnight delivery service to the laboratory facility specified in the TDF, unless otherwise properly stored. A field package consisting of electronic sampler data, field sheets, field notes (copy), and chain-of-custody forms (copy) shall be delivered to the TOPO in a monthly report. Documentation to be included in the deliverables package may be specific to the site or support requested and will be detailed in the TDFs, or referenced SOPs. The contractor personnel must sign and date all field sheets, field logbooks, and chain-of-custody forms.

In the monthly report, the contractor shall identify any filters that the contractor was unable to retrieve within 48 hours after the end of a run including the time elapsed between the end of the run and sample retrieval. The contractor shall also identify any filters that the contractor was unable to ship within twelve hours of retrieval including the time elapsed between retrieval and shipment. The contractor shall submit electronic sampling data to the TOPO quarterly.

On a weekly basis (i.e., every Thursday), submit to the TOPO a field status report, indicating the work completed during the prior week. In addition, note any problems found with implementation, equipment, or supplies during the week.

### **Area 1-3. QA/QC Support and Other Related Activities**

The contractor shall perform the following QA/QC support and other related activities:

Filter Tracking- The contractor shall track filters received from and shipped to the analytical laboratory, in accordance with the SOPs referenced in Task 2 of this TO.

SOPs- By December 31, 2011, or as specified by TDF, the contractor shall review all

SOPs guidance documents and protocols used by the contractor for the performance of work specified in Task 2 of this TO. The contractor shall provide comments on proposed changes to the TOPO.

QAPP - By December 31, 2011, or as specified by TDF, the contractor shall review the Performance Evaluation Program QAPP used by the contractor for the performance of work specified in Task 2 of this TO. The contractor shall provide comments on proposed changes to the TOPO.

Field Data Verification - The contractor shall review and verify all field data that the laboratory returns to the Region 5 contractor. For this procedure the contractor shall follow SOP PEPF-10.02.

### **Deliverables for 1-3**

The contractor shall submit to the PO and TOPO a list of proposed changes to the field SOPs and QAPP by December 31, 2011, or at a time frame specified in a TDF. The list shall include the most recent date and version of the documents and the most recent date of review by the contractor. The contractor shall submit to the TOPO and PO an electronic version of all data corrections submitted to the laboratory.

The contractor shall submit to the PO and TOPO a weekly report every Thursday of filter receipt and shipment for the prior week. This information may be presented in the weekly report.

### **Area 1-4. Administrative Management Activities**

This TO is a “buy-in” funded by Office of Air Quality Planning and Standards (OAQPS) monies. This TO’s costs shall be tracked separately and the internal, administrative, and management activities necessary to effectively perform the services required by this TO shall be included in these costs. The contractor shall break out from their monthly activity report the description of work accomplished under this TO and deliver a copy of it to the CO, PO and TOPO.

### **Deliverable for 1-4**

Monthly status reports delivered to the PO, TOPO, and CO.

### **Area 1-5. Maintenance and Repair of Equipment**

The contractor shall assure the availability of an appropriate vehicle to perform all required activities of this TO. The contractor shall maintain equipment, including the support vehicles, in road-ready condition to allow deployment for field projects on a continuous basis.

The Contractor shall inspect, service, test, and store instruments that are used in the PM<sub>2.5</sub> Performance Evaluation Program, consistent with the sections 5, 6, 7, 8, and other portions of the Method Compendium "Field Standard Operating Procedures for the PM<sub>2.5</sub> Performance Evaluation Program" (PEPF). The Contractor shall use an appropriate system, such as a computerized database, a written checklist, or a card tickler file, to manage preventive maintenance. Log books shall be used to document maintenance of each portable sampler. The Contractor shall write the notes kept in these log books in black ink; they shall write clearly and with enough detail that other persons knowledgeable in the subject matter can interpret the actions described in the notes. Summaries of maintenance will be reported to the TOPO at least monthly.

### **Deliverables for 1-5**

The contractor shall keep a repair and maintenance log for each portable sampler. The contractor shall write a summary of the previous month's preventative and remedial maintenance in the monthly activity report and make repair and maintenance logs available for inspection by the EPA.

### **Area 1-6. Training**

The contractor shall ensure that all employees performing work under this TO have been provided any and all health and safety training required by law or regulation, or by EPA regional policy.

The EPA requires that all personnel performing field work under this TO must receive specific training covering all aspects of the field work, including equipment operation and maintenance. EPA offers this training periodically on an as-needed basis. The contractor will be required to send all field personnel assigned to PM<sub>2.5</sub> FRM Performance Evaluation Program Field Support Services to one of the national training sessions. Upon successful completion of the training program, personnel will be certified to perform field work under this TO. No personnel may perform field work under this TO without prior certification by EPA. Details concerning specific dates and locations of training sessions will be provided to the contractor via TDF. In addition, the TDF may authorize the attendance of back-up personnel at training sessions.

In the event of personnel changes, the contractor should contact the PO or TOPO to arrange for training and certification of new personnel.

The contractor may also be directed by TDF to attend other training such as operation/maintenance training for specialty equipment and instruments, or other EPA specific training required to perform tasks under this TO.

### **Area 1-7. Monitoring Site Reconnaissance**

As part of the routine field activities associated with set up of the portable PM<sub>2.5</sub> federal reference method (FRM) performance evaluation sampling device, the contractor shall make observations of the physical characteristics of the monitoring location and fill out a "Monitoring Station Checklist." Additionally, on an annual basis the contractor shall take a set of five photographs of each monitoring location (digital photos shall be in JPEG format). One photo shall show the physical location of the permanent sampling device in relation to its surroundings. The remaining four photographs shall be views of the sampling device looking to the north, east, west, and south. The contractor should note that each monitoring location will be visited four times annually. The checklist is required for each visit. Photographs are only required for the first visit each year.

The following guidance, based upon EPA regulation<sup>a</sup>, shall apply in completing the site evaluation checklist:

Determine the distance between the permanent reporting and collocated (if any) PM<sub>2.5</sub> samplers at the station and nearby samplers, consistent with the criteria in the standard operating procedure PEPF-4.01, Addendum 1. Inoperative samplers shall not be considered collocated samplers, but they may act as "obstructions."

Consider "obstructions" to be nearby objects and "obstacles" to be more distant objects in accordance with the following criteria:

*"Obstructions"* are defined as any object, with the exception of collocated samplers, that extend at least as high as the sample inlet and are within 2 m of the sample inlet. Measure (if possible) the distances and record descriptions of all obstructions.

*"Obstacles"* are defined as more distant objects such as buildings or trees whose distance from the inlet of a PM<sub>2.5</sub> sampler is less than twice the height by which the object extends above the inlet. Estimate the distances and record descriptions of all obstacles.

By observation, estimate whether there are any objects whose distances from the inlet of a PM<sub>2.5</sub> sampler are less than ten times the height by which each object extends above the sampler inlet AND which are separated by an arc of less than 270 degrees of azimuth which includes the prevailing wind direction. Such objects shall be recorded as *"potential restrictions to air flow."* Estimate and record the distances and heights of such objects; record the descriptions of the restrictions to air flow.

Measure and record the distance to any flues of natural gas combustion that are within 5 meters of the inlet of a PM<sub>2.5</sub> sampler. Estimate and record the distance to any active

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<sup>a</sup> See 40 CFR 58, Appendix E.



chimneys or flues of oil, coal, wood, or waste combustion that are within 50 meters of the inlet of a PM<sub>2.5</sub> sampler; record descriptions of the flues.

### **Deliverables for 1-7**

A completed “Monitoring Station Checklist” should be submitted to the TOPO within two weeks of the site reconnaissance.

A set of photographs taken should be submitted to the TOPO within two weeks of the site reconnaissance. Each photograph must be clearly identified with the date the photo was taken, the monitoring location depicted in the photo, and the view represented in the photo. The contractor shall carefully store any photographic negatives (so that additional prints may be supplied if requested by EPA) and shall back up any digital photographs.

### **Applicable Section(s) of the Contract Statement of Work**

Task Area I- Analytical Support

Task Area III- Logistical and Administrative Support

Task Area IV- QA/QC Support

Task Area V- Other Task-Related Activities

Task Area	Performance Requirement	Performance Standard(s)	Acceptable Quality Level (AQL)	Method of Surveillance
Quarterly Site Visits	Samples shall be collected from each station listed in the SOW, quarterly	Each station is visited quarterly	During the performance period, at least 75% of the listed stations are visited each quarter.	The TOPO will review monthly reports to determine that the required number of stations have been visited.
		Samples are collected in accordance with the SOPs	At least 75% of the listed stations have valid runs each quarter.	The TOPO will review the monthly reports to determine that there are valid runs at 75% of the stations.
	Documentation of visit is complete in accordance with the SOP	Complete entries in all required fields of field data sheets and chain-of-custody forms	Over the evaluation period, no more than 20 entries on the forms are incomplete or illegible (i.e., approximately 90% of forms are completed properly)	Verify completeness of required forms against SOPs. Ensure that all areas to be addressed according to the SOP are addressed.

	Accuracy	Appropriate entries; corrections noted	At least 90% of erroneous entries are properly deleted and changes are comprehensible	Examine chain-of-custody forms and field data sheets included in monthly reports.
	Electronic data is complete	A file of electronic data exists for every run	Machine-readable files for at least 95% of runs	Review electronic data from the sampler to confirm that required files exist.
Sample Collection	Retrieve filters	Timeliness - within 8 to 48 hours of completion of the run	At least 75 % of the filters are retrieved within 48 hours; elapsed time is documented in remainder of cases	Review monthly reports and weekly reports; with additional oversight through at least two technical systems audits by EPA during the performance period.
Sample Custody Task #2	Preserve and ship filters	Timeliness - within 12 hours of retrieval	At least 75% of the filters are shipped within 8 hours; elapsed time is documented in remainder of cases	Review monthly reports and weekly reports.
		Quality - filters are received by Region 10 in a condition suitable for analysis	At least 80% of exposed filters meet chain-of-custody requirements (Part V of form) upon receipt	Review data reports from Region 10.
Quarterly collocated sampling events Task#2	Full collocations (all sampling instruments) will occur a minimum of once a quarter for 2, preferably 3, sampling events.	Usage	Over the period of performance, the contractor must run a minimum of 80% of the assigned samplers during the collocation studies	Review monthly reports.
		Number of events	The contractor shall run collocation events on at least two days every quarter	Review monthly reports.
Equipment maintenance Task # 5	Equipment is available as needed	Site visits are not delayed or cancelled due to the equipment problems	No more than four site visits are impacted due to equipment problems during the performance period.	Review monthly reports, and conduct spot checks.

	Equipment maintenance logs are summarized	Summaries are written monthly	A summary must be written every month.	TOPO will review upon receipt.
Training Task#6	Train field scientists (primary and alternates)	Timeliness - every three years or upon hire	This requirement must be met 100% of the time.	Receive certificates, backed up with OAQPS training rosters.
Monitoring Site Reconnaissance Task# 7	Provide pictures of monitoring sites to TOPO	All sites visited are photographed (from the north, south, east and west; and one picture showing the overall setting)	90% of the sites visited are photographed	Photographs are submitted to the TOPO.

## **Task 2**

### **Non- PM<sub>2.5</sub> FRM Performance Evaluation Program Field Support Services for Region 5**

#### **Purpose**

The purpose of this Task Order (TO) is to implement a performance evaluation program on established ambient air field instruments used to monitor Criteria Pollutant Gases or particulate matter with an aerometric diameter of 10 microns or less (PM<sub>10</sub>).

The contractor shall perform and provide field support services to the EPA Region V under the provisions of the Statement of Work (SOW) Task I, Section D; Task III; Task IV; Task V; Task VI; and other applicable support functions, including equipment maintenance and repair, health and safety and environmental compliance activities outlined in the SOW. The Contractor shall perform site- or project- specific work as described below or on Technical Direction Forms (TDFs) at any time during the duration of this TO.

#### **Area 2-1. Task Order Management**

The contractor shall track the status of tasks, labor hours, and costs for each task under this TO, including each site-specific project, in accordance with a Standard Operating Procedure (SOP) to be submitted by the contractor for EPA approval. The contractor shall provide the Project Officer (PO) and Task Order Project Officer (TOPO) with weekly reports of the above-referenced data. The initial report shall be in a format proposed by the contractor. EPA will review the initial report and specify changes for subsequent reports through the issuance of a TDF.

Team management shall meet with the PO, TOPO, and other designated EPA representatives on a weekly basis or as needed, at agreed-upon times, to update EPA on the status of tasks and schedules for their completion and to address relevant administrative and technical issues.

The contractor shall submit all deliverables required under this TO through a transmittal slip and cover letter identifying each document submitted. The contractor shall also maintain a hard copy and computer file of each deliverable submitted under this TO.

The contractor shall peer review all deliverables prior to submission to EPA. The peer reviewer shall not have been significantly involved in the direct preparation of the deliverable being reviewed. The review shall assure that each deliverable is accurate and complete, technically sound, and free of clerical errors. A copy of the appropriate Internal Review Form(s), completed in accordance with the contractor's Quality Management Plan (QMP), shall be provided to the PO and TOPO with each deliverable. If such a review cannot be performed on any deliverable, the contractor shall contact the PO and TOPO prior to submission of the deliverable.

The contractor shall immediately notify the PO and TOPO as soon as it appears that schedules for the completion of any task may not be met. This notification shall be submitted via e-mail on a form developed by the contractor and approved by the PO. The contractor shall also notify the PO immediately upon learning of anything that may affect performance under this TO.

The contractor shall implement its quality assurance program in accordance with its QMP. The contractor shall revise its QMP and Quality Assurance Project Plan (QAPP) in accordance with task requirements or as required by EPA through the issuance of a TDF.

The contractor shall implement a health and safety program in accordance with its Health and Safety Plan and all applicable Federal, state, and local laws and regulations and EPA facility work rules. The contractor shall revise its Health and Safety plan as needed to assure that all requirements specified above are addressed.

### **Deliverables for 2-1**

The contractor shall submit to the Contracting Officer (CO), PO, and TOPO an SOP for tracking activities under this TO for EPA approval.

The contractor shall submit to the PO and TOPO weekly reports of the status of tasks and costs under this TO. The reports shall be submitted on Thursdays for the preceding weekly period.

The contractor shall submit to the PO and TOPO any revisions to its QMP and QAPP, in accordance with task requirements and TDFs issued by EPA.

**For the following tasks, it is estimated that the contractor will complete 100 Non-PM<sub>2.5</sub> sites (55 trips), including 101 parameters. A detailed TDF will be issued listing all sites and schedule when they will be visited.**

### **Area 2-2. Field Implementation Support**

The contractor shall perform all field activities utilizing the field methods as specified in the SOPs listed at the end of this Task, under the heading, "Documentation." A brief description of the field activities is given below:

4. The contractor shall ensure that all personnel performing work under this Task have received appropriate training and have been certified by EPA to perform field activities under this Task. Details concerning training and certification are provided in Task 6 of this TO.
5. The contractor shall receive audit generation, materials (especially blended stock and ambient verifications compressed gas standards) and support equipment from a pre-determined EPA contractor and/or Regional laboratory and store them appropriately until use.
6. The contractor shall transport a portable, EPA Criteria pollutant -generating and reference or equivalent method verifying performance evaluation system to a site near or to an established PM<sub>2.5</sub> site, warm up the system en route to the site, set up the system and check its acceptable performance (accurate and reliable compared to National Institute of Standards and Technology (NIST) traceable standards verified by EPA reference or equivalent methods) perform all necessary quality control checks, deliver the verified performance evaluation (PE) test gases to the station inlet, or, if that is not possible, at least to the Back of the Analyzers, and test the station analyzers for a time sufficient to demonstrate and document accurate and reliable performance. If the station results pass the PE, the Contractor will provide a draft, preliminary report documenting that result. If the initial results do not pass, the contractor will either provide trouble shooting, call for EPA trouble shooting assistance, or allow the station operator to address the discrepancy and resolve the problem, if the time does not compromise the PE schedule. If time allows, a retest may be conducted if authorized by the TOPO. Most likely the re-audit will be scheduled for a later time, when the contractor may be near the site at another time in the PE year. Once the PE is done, the contractor will carry out the Post PE and Shut Down procedures.

The contractor may be required to attend meetings or conference calls with the TOPO and state personnel for planning and coordinating purposes. Field sites and tasks at those sites will be assigned to the contractor for field support by means of a TDF approved by the TOPO and PO. All work shall be completed in accordance with the instructions of the TDF, including all referenced SOPs and guidance. No deviations from the SOPs, instructions, work requested or technical procedures given in the TDF, shall be made without prior receipt of alternate written technical direction.

The contractor shall perform field Quality Assurance/Quality Control (QA/QC) related activities as associated with this task, such as calibrations, verifications, collocations, implementing field zero, and upscale span verification checks, review of field data validity, entry of data into logbooks, preparation of chain-of-custody reports and deliverables, as specified in the TDF.

The Contractor shall coordinate with the laboratory which ships materials or equipment to Region 5 and communicate with the TOPO regarding materials or equipment needs and materials or equipment shipments. The Contractor shall conduct these communications consistent with the standard operating procedures for the **PM<sub>2.5</sub>** Performance Evaluation Program, field portion (PEPF) section 2.0.2.

The Contractor and/or Regional or other EPA Laboratory shall receive, store, handle, and ship audit gas standard and audit system instrument spare materials or equipment according to the spare parts lists in the National Performance Evaluation Program (NPEP) Through the Probe (TTP) SOP. These procedures and the analytical routine at the verification/certification laboratories apportion Region 5 a fixed number of materials or equipment (see the spare parts list in the NPEP TTP SOP [monthly, quarterly, or semiannually]). Accordingly, the Contractor shall take into account the budget for non- **PM<sub>2.5</sub>** audits, including costs and other resources associated with the non- **PM<sub>2.5</sub>** audit equipment and materials in project planning. Whenever, due to anticipated fluctuations in audit materials or equipment demand, the routine apportionment of audit items will be inadequate to cover the demand, the Contractor shall notify the laboratory of the specific number and type of extra audit items needed so that a request for supplemental items can be made. The Contractor shall notify the laboratory of such supplemental needs for audit items at least two weeks in advance of the actual need. Projections of audit standard or spare item demand shall include all items needed for the project, including those used in actual performance evaluations, field verifications or laboratory certifications, collocation tests, and an allowance for losses due to mistakes, leaks, unanticipated use during troubleshooting, defects, or damage. The additional allowance for losses shall be approximately ten percent of the audit item demand imposed by the standard operating procedure and the planned schedule of performance evaluations.

The Contractor shall inspect, inventory, and store other supplies that are to be used in the **PM<sub>2.5</sub>** Performance Evaluation Program, consistent with the standard operating procedure NPEP TTP SOP Sections on Spare Parts and Equipment and Materials Inventory.

The Contractor shall record, organize, label, and file records pertaining to the non-**PM<sub>2.5</sub>** National Performance Evaluation Program. The Contractor shall also maintain documents and records pertinent to the NPEP in accordance with the NPEP TTP SOP and organize the files according to a scheme consistent with Table 11-1 of the Standard Operating Procedure.

### **Documentation:**

## **SOPs, SOWs and Guidelines Available to the Contractor**

For the performance of field support operations as defined in this Task, activities are to be accomplished using the basic methods as described in the following documents:

- Implementation Plan: non- PM2.5 Federal Reference Method Performance Evaluation Program
- Quality Assurance Project Plan for the non- PM2.5 Performance Evaluation Program
- Quality Assurance Guidance Document: Monitoring non-PM2.5 Criteria Pollutants in Ambient Air Using Designated Reference or Class I Equivalent Methods
- Monitor-specific operating manuals
- Standard Operating Procedure for the FRM Performance Evaluation Field Activities. This SOP contains procedures covering the following subject areas:

### **Subject**

### **Procedure Number**

1. Overview of Performance Evaluation Field Activities  
General Information

NPEP TTP 1.01

PE Procedures:

2. Planning and Preparing for Site Visits

Equipment Inventory and Storage  
Communications  
Site Visit Preparation

NPEP TTP-2.01  
NPEP TTP-2.02  
NPEP TTP-2.03

3. Start-Up Procedures

Mobile PE Lab Exterior  
Mobile PE Lab Interior

NPEP TTP-3.01  
NPEP TTP-3.02

4. Site Set-up

Initial Site Set-up  
Mobile PE Lab O3 Instrument Operational Check  
Final Site Set-up

NPEP TTP-4.01  
NPEP TTP-4.02  
NPEP TTP-4.02

5. Through-The-Probe(TTP) or Back-Of-the-Analyzer (BOA-If Necessary) Performance Evaluation (PE)

Mobile PE Lab /Station Data Retrieval/Recording

NPEP TTP-5.01



Ozone PE Procedure	NPEP TTP-5.02
CO Analyzer Calibration Procedure	NPEP TTP-5.03
CO PE Procedure	NPEP TTP-5.04
Full PE Procedure	NPEP TTP-5.05
Converter Efficiency/True Pollutant Concentrations	NPEP TTP-5.05
PE Failures/Troubleshooting	NPEP TTP-5.06

#### 6. Post PE Procedures

Printing Audit Results	NPEP TTP-6.01
Preliminary PE Report	NPEP TTP-6.02

#### PRE/POST PE Procedures

#### 7. Calibration Checks (Verifications) and Procedures

Quarterly "Ozone Line Loss" Start-up Procedure	NPEP TTP-7.01
Quarterly "Ozone Line Loss" Test	NPEP TTP-7.02
Quarterly Instrument and Gas Certification	NPEP TTP-7.03
Quarterly Cross-check with Standards Laboratory	NPEP TTP-7.04
Annual Re-certification Procedures	NPEP TTP-7.05

#### 8. Field Data Sheet

PEPF-8.01

#### 9. Quality Assurance Quality Control

Field Data Verification/Validation	NPEP TTP-9.01
	NPEP TTP-9.02

#### 10. Information Retention

NPEP TTP-10.01

The standard operating procedures listed above are available through the Internet at the following address: [www.epa.gov/ttn/amtic/pmqa.html](http://www.epa.gov/ttn/amtic/pmqa.html).

### **Deliverables for 2-2**

For each sample project assigned to the contractor, or as specified by the TDF, the submission of interim and/or final deliverables will be required as listed below:

Audit results including appropriate data, field forms, and chain-of-custody forms will be packed in accordance with the instructions contained in the above-referenced SOPs and shipped within 12 hours of audit and/or trouble shooting completion via overnight delivery service to the TOPO at the Regional home base laboratory facility specified in the TDF. A field package consisting of electronic sampler data, field sheets, field notes (copy), and

chain-of-custody forms (copy) shall be delivered to the TOPO in a monthly report. Documentation to be included in the deliverable's package may be specific to the site or support requested and will be detailed in the TDFs, or referenced SOPs. The contractor personnel must sign and date all field sheets, field logbooks, and chain-of-custody forms.

In the monthly report, the contractor shall identify any audits that the contractor was unable to complete or re-audit within 48 hours after the end of an audit run including the time elapsed between the end of the run and audit and/or trouble shooting completion. The contractor shall submit electronic sampling data to the TOPO quarterly.

On a weekly basis (i.e., every Thursday), submit to the TOPO a field status report, indicating the work completed during the prior week. In addition, note any problems found with implementation, equipment, or supplies during the week.

### **Area 2- 3. QA/QC Support and Other Related Activities**

The contractor shall perform the following QA/QC support and other related activities:

- NPEP TTP System Equipment and Standard Tracking- The contractor shall track NPEP TTP Equipment or standard materials received from and shipped to the field operation and analytical and maintenance support laboratories, in accordance with the SOPs referenced in Task 2 of this TO.
- SOPs- By December 31, 2011, or as specified by TDF, the contractor shall review all SOPs guidance documents and protocols used by the contractor for the performance of work specified in Task 2 of this TO. The contractor shall provide comments on proposed changes to the TOPO.
- QAPP - By December 31, 2011, or as specified by TDF, the contractor shall review the National non-PM<sub>2.5</sub> and PM<sub>2.5</sub> Performance Evaluation Program QAPP used by the contractor for the performance of work specified in Task 2 of this TO. The contractor shall provide comments on proposed changes to the TOPO.
- Certification of Standards and/or of Region, State, or Local Agency Audit Programs [Audit The Auditor]
  - The contractor will support the EPA in these audits. The contractor can perform the tasks that do not involve interpretation, which is an inherently governmental function. The audits are described below.
  - The EPA Regional staff or other EPA staff will conduct audits of the lab and field portions of Region, state, and/or local agency audit programs. The audit will

sufficiently provide a degree of confidence that all the monitors that generate data reported to Air Quality Systems (AQS) have been independently, and NIST-traceably, demonstrated to operate to an acceptable level of proficiency errors. This includes all monitors at all sites run by all operators in the agency generating the data (henceforth, the generating agency).

An SOP, report, and interpretation for demonstrating audit program proficiency shall include a site visit, systems audit, and a performance audit of the program audit procedures in the lab and in the field.

The ten EPA Regions and OAQPS, as well as states involved in such certification programs, shall review and approve the SOP and reports of the results of such certifications. A percentage of the sites audited in a given program shall be selected by the generating agency and the certifying agency; this selection shall be based on what the generating agency program audits and the resources and abilities of the certifying agency to do performance audits. Re-certifications shall be at least annually, initially.

The most important pollutants to be audited at this time are PM<sub>2.5</sub> and ozone. Regional determination shall set the priorities for certifications within their own Regions.

The most involved performance evaluation for certification shall be collocation, or at least same day sequential performance of the certified and certifying audit programs. The least involved and least confidence conferring certification procedure shall be the mailing of independently analyzed and certified standards, and perhaps also zero air and calibration (audit generation) equipment to the generating agency. In this case, the generating agency would actually do the comparison. One step more involved with one level higher in confidence would be the mailing of the equipment, followed by the operation of the equipment by qualified (certified) independent performance evaluation personnel. As stated above, the contractor may be included in this definition of "personnel", as long as no interpretation of results occurs.

### **Deliverables for 2-3**

The contractor shall submit to the PO and TOPO a list of proposed changes to the field SOPs and QAPP by December 31, 2011, or at a time frame specified in a TDF. The list shall include the most recent date and version of the documents and the most recent date of review by the contractor. The contractor shall submit to the TOPO and PO an electronic version of all data corrections submitted to the laboratory.

The contractor shall submit to the PO and TOPO a weekly report every Thursday of PE

equipment and/or certified or re-certified standards receipt and shipment for the prior week. This information may be presented in the weekly report.

#### **Area 2-4. Administrative Management Activities**

This TO is a “buy-in” funded by OAQPS monies. This TO’s costs shall be tracked separately and the internal, administrative, and management activities necessary to effectively perform the services required by this TO shall be included in these costs. The contractor shall break out from their monthly activity report the description of work accomplished under this TO and deliver a copy of it to the CO, PO and TOPO.

#### **Deliverable for 2-4**

Monthly status reports delivered to the CO, PO and TOPO.

#### **Area 2-5. Maintenance and Repair of Equipment**

The contractor shall assure the availability of an appropriate vehicle to perform all required activities of this TO. The contractor shall maintain equipment, including the support vehicles, in road-ready condition to allow deployment for field projects on a continuous basis.

The Contractor shall inspect, service, test, and store instruments that are used in the non-PM<sub>2.5</sub> Performance Evaluation Program, consistent with the Maintenance section of the NPEP TTP SOP and other portions of the SOP such as those that address Turn-on of Mechanical and Electrical Systems; Warm-up, Leak, Pressure, Flow and Concentration (Zero and Span), and Stabilization Verification; Delivery System Set-up and Use; and QA/QC. The Contractor shall use an appropriate system, such as a computerized database, a written checklist, or a card tickler file, to manage preventive maintenance. Log books shall be used to document maintenance of each portable sampler. The Contractor shall write the notes kept in these log books in black ink; they shall write clearly and with enough detail that other persons knowledgeable in the subject matter can interpret the actions described in the notes. Summaries of maintenance will be reported to the TOPO at least monthly.

#### **Deliverables for 2-5**

The contractor shall keep a repair and maintenance log for each portable sampler. The contractor shall write a summary of the previous month's preventative and remedial maintenance in the monthly activity report and make repair and maintenance logs available for inspection by the EPA.

#### **Area 2-6. Training**

The contractor shall ensure that all employees performing work under this TO have been

provided any and all health and safety training required by law or regulation, or EPA regional policy.

The EPA requires that all personnel performing field work under this TO must receive specific training covering all aspects of the field work, including equipment operation and maintenance. EPA offers this training periodically on an as-needed basis. The contractor will be required to send all field personnel assigned to National (non-PM<sub>2.5</sub> FRM) Performance Evaluation Program Field Support Services to one of the national training sessions. Upon successful completion of the training program, personnel will be certified to perform field work under this TO. No personnel may perform field work under this TO without prior certification by EPA. Details concerning specific dates and locations of training sessions will be provided to the contractor via TDF. In addition, the TDF may authorize the attendance of back-up personnel at training sessions.

In the event of personnel changes, the contractor should contact the PO or TOPO to arrange for training and certification of new personnel.

The contractor may also be directed by TDF to attend other training such as operation/maintenance training for specialty equipment and instruments, or other EPA specific training required to perform tasks under this TO.

#### **Area 2-7. Monitoring Site Reconnaissance**

As part of the routine field activities associated with set up of the portable PM<sub>2.5</sub> federal reference method (FRM) performance evaluation sampling device, the contractor shall make observations of the physical characteristics of the monitoring location and fill out a "Monitoring Station Checklist." Additionally, on an annual basis the contractor shall take a set of five photographs of each monitoring location (digital photographs in JPEG format are acceptable). One photo shall show the physical location of the permanent sampling device in relation to its surroundings. The remaining four photographs shall be views of the sampling device looking to the north, east, west, and south. The contractor should note that each monitoring location will be visited four times annually. The checklist is required for each visit. Photographs are only required for the first visit each year.

The following guidance, based upon EPA regulation<sup>b</sup>, shall apply in completing the site evaluation checklist:

Determine the distance between the permanent reporting and collocated (if any) PM<sub>2.5</sub> samplers at the station and nearby samplers, consistent with the criteria in the standard operating procedure PEPF-4.01, Addendum 1. Inoperative samplers shall not be considered

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<sup>b</sup> See 40 CFR 58, Appendix E.

collocated samplers, but they may act as "obstructions."

Consider "obstructions" to be nearby objects and "obstacles" to be more distant objects in accordance with the following criteria:

*"Obstructions"* are defined as any object, with the exception of collocated samplers, that extend at least as high as the sample inlet and are within 2 m of the sample inlet. Measure (if possible) the distance and record descriptions of all obstructions.

*"Obstacles"* are defined as more distant objects such as buildings or trees whose distance from the inlet of a PM<sub>2.5</sub> sampler is less than twice the height by which the object extends above the inlet. Estimate the distances and record descriptions of all obstacles.

By observation, estimate whether there are any objects whose distances from the inlet of a PM<sub>2.5</sub> sampler are less than ten times the height by which each object extends above the sampler inlet AND which are separated by an arc of less than 270 degrees of azimuth which includes the prevailing wind direction. Such objects shall be recorded as *"potential restrictions to air flow."* Estimate and record the distances and heights of such objects; record the descriptions of the restrictions to air flow.

Measure and record the distance to any flues of natural gas combustion that is within 5 meters of the inlet of a PM<sub>2.5</sub> sampler. Estimate and record the distance to any active chimneys or flues of oil, coal, wood, or waste combustion that are within 50 meters of the inlet of a PM<sub>2.5</sub> sampler; record descriptions of the flues.

### **Deliverables for 2-7**

A completed "Monitoring Station Checklist" should be submitted to the TOPO within two weeks of the site reconnaissance.

A set of photographs taken should be submitted to the TOPO within two weeks of the site reconnaissance. Each photograph must be clearly identified with the date the photo was taken, the monitoring location depicted in the photo, and the view represented in the photo. The contractor should carefully store all photographic negatives, so that additional prints may be supplied if requested by EPA.

### **Applicable Section(s) of the Contract Statement of Work**

Task Area I- Analytical Support

Task Area III- Logistical and Administrative Support

Task Area IV- QA/QC Support

## Task Area V- Other Task-Related Activities

The following additional terms and conditions are requirements of this task order:

### CONTRACTING OFFICER'S REPRESENTATIVES

The individuals listed below are authorized representatives of the Contracting Officer for this task order. These individuals may issue perform Contracting Officer Representative (COR) functions as described in the contract clauses *Technical Direction* (EPAAR 1552.237-71) and *Authorized Representative of the Contract-Level COR* (EPA-G-42-102).

TASK Area	DESCRIPTION	TOCOR
1	PM <sub>2.5</sub> FRM Performance Evaluation Program Field Support Services For Region 5	TBD
2	Non-PM <sub>2.5</sub> FRM Performance Evaluation Program Field Support Services for Region	TBD

### OPTION PERIODS/AWARD TERMS

This task order contains option periods and award terms that the Government may exercise via unilateral task order modification by providing written notification to the contractor of its intent to exercise the option period or award term at least 60 days in advance of the end of the current effective period. Providing this written notice does not commit the Government to exercise the option or award term. If the Government fails to provide written notice within that time, the Government may exercise the option or award term via bilateral task order modification. Task order option periods and award terms may only be exercised within the effective period of the contract. If a contract-level option period or award term is not exercised, task order option periods and award terms may not be exercised beyond the final date of the contract period of performance.

The period of performance of this task order, inclusive of all option periods and award terms is:

Base Period    October 22, 2013 – September 29, 2014  
Option Period 1    September 30, 2014 – September 29, 2015  
Option Period 2    September 30, 2015 – September 29, 2016

### QUALITY ASSURANCE

Performance under this task order requires the contractor to prepare a Quality Assurance Project Plan (QAPP) to be included as part of the task order. The contractor shall submit a QAPP with its task order proposal in accordance with *EPA Requirements for Quality Assurance Project*



*Plans (QA/R-5)* found here: <http://www.epa.gov/QUALITY/qs-docs/r5-final.pdf>. The contractor's QAPP must be approved by the Task Order Contracting Officer's Representative (TOCOR) and Quality Assurance Manager before task order award. After task order award, the contractor shall perform all tasks under this task order in accordance with the quality standards established in the QAPP.

## **TRAVEL**

Performance under this task order may require travel. The contractor shall submit requests for travel in accordance with the contract clause *Approval of Contractor Travel* (EPA-H-31-104). Approval of task order proposals that include travel as a materials cost shall not be construed to mean the travel is approved. Separate approval for contractor travel shall be obtained from the Contract-Level COR.

## **TRAINING**

Performance under this task order may require unique training that is allowable as a direct cost to the task order. The contractor shall submit requests for such training in accordance with the contract clause *Approval of Training* (EPA-H-31-105). Approval of task order proposals that include training as a materials cost shall not be construed to mean the training is approved. Separate approval for contractor training shall be obtained from the Contract-Level COR.

## **TECHNICAL DIRECTION**

The designated TOCOR on this task order is authorized to provide technical direction to the extent allowed under EPAAR (1552.237-71)(APR 1984)(DEVIATION). Other than the designated TOCOR, only the COR and the Contracting Officer are authorized to provide technical direction.

Technical direction includes:

- (1) Direction to the contractor which assists the contractor in accomplishing the Performance Work Statement.
- (2) Comments on and approval/acceptance of reports or other deliverables.

Technical direction must be within the contract and the task order statement of work. The COR and the TOCOR DO NOT have the authority to issue technical direction which

- (1) institutes additional work outside the scope of either the contract or this task order;
- (2) constitutes a change as defined in the "changes" clause;
- (3) causes an increase or decrease in the estimated cost of the contract or task order,
- (4) alters the period of performance; or

(5) changes any of the other express terms or conditions of the contract or task order.

Technical direction will be issued in writing or confirmed in writing within five (5) calendar days after oral issuance. The technical direction memorandum will be provided to the contractor and copies will be forwarded to the Contracting Officer and the COR. If the contractor has not received written confirmation within five (5) calendar days of an oral issuance, the contractor must so notify the COR.

## **CONTRACTOR COMMUNICATIONS**

Upon approval of the Work Plan, the contractor shall maintain at least weekly communications with the TOCOR regarding the status of the work on this task order.

## **INHERENTLY GOVERNMENTAL FUNCTIONS**

The contractor shall not perform any inherently governmental functions (IGF), as defined in FAR 2.101, under this task order. If during the course of developing the plan of work, through receipt of technical direction, or in carrying out the order, any portion of the effort is considered to possibly be an IGF, the contractor must immediately notify the COR and the Contracting Officer.

## **DOCUMENTS**

Documents shall be prepared using Microsoft Word or equivalent. Electronic media materials delivered to the Agency shall be on compact disk, unless specified otherwise. All written deliverables shall, to the extent possible, be double-sided copies, and shall be delivered in reusable/recyclable envelopes.

Upon issuance of written technical direction, the Contractor shall submit for inspection copies of all work in progress at any time under this Task Order. The Contractor shall develop and maintain files supporting each task order.

<b>Task Area</b>	<b>Performance Requirement</b>	<b>Performance Standard(s)</b>	<b>Acceptable Quality Level (AQL)</b>

Quarterly Site Visits	Samples shall be collected from each station listed in the SOW quarterly	Each station is visited quarterly	During the performance period, at least 75% of the listed stations are visited each quarter.	The TOPO will review monthly reports to determine that the required number of stations have been visited.
		Samples are collected in accordance with the SOPs	At least 75% of the listed stations have valid runs each quarter.	The TOPO will review the monthly reports to determine that there are valid runs at 75% of the stations.
	Documentation of visit is complete in accordance with the SOP	Complete entries in all required fields of field data sheets and chain-of-custody forms	Over the evaluation period, no more than 20 entries on the forms are incomplete or illegible (i.e., approximately 90% of forms are completed properly)	Verify completeness of required forms against SOPs. Ensure that all areas to be addressed according to the SOP are addressed.
	Accuracy	Appropriate entries; corrections noted	At least 90% of erroneous entries are properly deleted and changes are comprehensible	Examine chain-of-custody forms and field data sheets included in monthly reports.

	Electronic data is complete	A file of electronic data exists for every run	Machine-readable files for at least 95% of runs	Review electronic data from the sampler to confirm that required files exist.
Sample Collection	Retrieve filters	Timeliness - within 8 to 48 hours of completion of the run	At least 75 % of the filters are retrieved within 48 hours; elapsed time is documented in remainder of cases	Review monthly reports and weekly reports; with additional oversight through at least two technical systems audits by EPA during the performance period.
Sample Custody Task #2	Preserve and ship filters	Timeliness - within 12 hours of retrieval	At least 75% of the filters are shipped within 8 hours; elapsed time is documented in remainder of cases	Review monthly reports and weekly reports.
		Quality TTP standards and equipment are received by Region 10 in a condition suitable for performing audits	At least 90% of the audits, except for nitrous dioxide (NO <sub>2</sub> ), must be within 15% of TTP Expected Values, and meet chain-of-custody requirements (Part V of form) upon receipt	Review data reports from Region 10.

Quarterly collocated sampling events Task#2	Full collocations (all sampling instruments) will occur a minimum of once a quarter for 2, preferably 3, sampling events.	Usage	Over the period of performance, the contractor must run a minimum of 80% of the assigned samplers during the collocation studies	Review monthly reports.
		Number of events	The contractor shall run collocation events on at least two days every quarter	Review monthly reports.
Equipment maintenance Task # 5	Equipment is available as needed	Site visits are not delayed or cancelled due to the equipment problems	No more than four site visits are impacted due to equipment problems during the performance period.	Review monthly reports, and conduct spot checks.
	Equipment maintenance logs are summarized	Summaries are written monthly	A summary must be written every month.	TOPO will review upon receipt.

Training Task#6	Train field scientists (primary and alternates)	Timeliness - every three years or upon hire	This requirement must be met 100% of the time.	Receive certificates, backed up with OAQPS training rosters.
Monitoring Site Reconnaissance Task# 7	Provide Pictures of monitoring sites to TOPO	All sites visited are photographed (from the north, south, east and west; and one picture showing the overall setting)	90% of the sites visited are photographed	Photographs are submitted to the TOPO.

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 2	
2. AMENDMENT/MODIFICATION NO. 001		3. EFFECTIVE DATE 11/08/2013		4. REQUISITION/PURCHASE REQ. NO.	
6. ISSUED BY CODE SRRPOD		7. ADMINISTERED BY (If other than Item 6) CODE		5. PROJECT NO. (If applicable)	
SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460					
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)		(x)		9A. AMENDMENT OF SOLICITATION NO.	
TECHLAW, INC. Attn: JUDY MANLEY 14500 AVION PKY STE 300 (b)(4) CHANTILLY VA 201511108				9B. DATED (SEE ITEM 11)	
		x		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-13-025 0003	
				10B. DATED (SEE ITEM 13) 10/23/2013	
CODE 116211863		FACILITY CODE			

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required)**

See Schedule

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) B.5 Limitation of Government's Obligation (EPA-B-32-103)

**E. IMPORTANT:** Contractor ☐ is not, ☒ is required to sign this document and return 1 copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

DUNS Number: 116211863

Ambient Air Quality Monitoring Field Quality Assurance Support

TOPO: Scott Hamilton Max Expire Date: 09/29/2016

The purpose of this modification is to finalize the task order ceiling in the amount of \$348,157.92 and incorporate TechLaw's proposal dated 10/24/13 into the task order.

**LIST OF CHANGES:**

Reason for Modification : Other Administrative Action

New Total Amount for this Award: \$348,157.92

TOCOR changed to : Scott Hamilton

Alternate COR changed to : Howard Pham

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		Helen Britz	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	



## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

EP-W-13-025/0003/001

PAGE

OF

2

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NAME OF OFFEROR OR CONTRACTOR

TECHLAW, INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>CHANGES FOR LINE ITEM NUMBER: 1 Total Amount changed from \$35,000.00 to \$348,157.92 Delivery Location Code: R5 LAB Region 5 Laboratory US Environmental Protection Agency 536 South Clark St Chicago IL 60605-1582 USA</p> <p>Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive Durham NC 27711</p> <p>FOB: Destination Period of Performance: 10/23/2013 to 09/29/2014 The contractor agrees that work under this task order shall be performed in accordance with the terms and conditions of Contract EP-W-13-025. The Statement of Work and Additional Terms and Conditions document are attached to the task order base.</p> <p>Total Task Order Value: \$348,157.92 Total Task Order Labor Hours: 4,114 Total Task Order Value (3 Yr): \$1,059,313.24 Total Task Order Labor Hours (3 Yr): 12,342 Total Task Order Funded Amount: \$35,000.00 (allocated from the contract).</p> <p>The contractor shall not exceed the current limitation of the Government's obligations under this task order without prior written authorization from the Contracting Officer.</p>				

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 2	
2. AMENDMENT/MODIFICATION NO. 002		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. See Schedule	
5. PROJECT NO. (If applicable)		6. ISSUED BY SRRPOD		7. ADMINISTERED BY (If other than Item 6)	
SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460		8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) TECHLAW, INC. Attn: JUDY MANLEY 14500 AVION PKY STE 300 (b)(4) CHANTILLY VA 201511108		9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11)	
CODE 116211863		FACILITY CODE		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-13-025 0003 10B. DATED (SEE ITEM 13) 10/23/2013	

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: \$245,580.00  
See Schedule

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) B.5 Limitation of Government's Obligation (EPA-B-32-103)

**E. IMPORTANT:** Contractor ☒ is not. ☐ is required to sign this document and return \_\_\_\_\_ 0 \_\_\_\_\_ copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

DUNS Number: 116211863  
Ambient Air Quality Monitoring Field Quality Assurance Support  
TOPO: Scott Hamilton Max Expire Date: 09/29/2016

The purpose of this modification is to obligate funding in the amount of \$245,580.00. As a result, the total funded amount of this task order is hereby increased \$245,580.00, from \$35,000.00 to \$280,580.00.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Elizabeth Fuller	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED

## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

EP-W-13-025/0003/002

PAGE

OF

2

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NAME OF OFFEROR OR CONTRACTOR

TECHLAW, INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>LIST OF CHANGES:</p> <p>Reason for Modification : Funding Only Action</p> <p>Obligated Amount for this Modification:</p> <p>\$245,580.00</p> <p>New Total Obligated Amount for this Award:</p> <p>\$280,580.00</p> <p>Incremental Funded Amount changed: from</p> <p>\$35,000.00 to \$280,580.00</p> <p>CHANGES FOR LINE ITEM NUMBER: 1</p> <p>Obligated Amount for this modification:</p> <p>\$245,580.00</p> <p>Incremental Funded Amount changed from \$35,000.00</p> <p>to \$280,580.00</p> <p>NEW ACCOUNTING CODE ADDED:</p> <p>Account code:</p> <p>13--E1-53GS-102A04XPM-4183---1453PM4025-001</p> <p>Amount: \$140,300.00</p> <p>NEW ACCOUNTING CODE ADDED:</p> <p>Account code:</p> <p>13--E1-53GS-102A04-4183---1453PM4024-001</p> <p>Amount: \$105,280.00</p> <p>Period of Performance: 10/23/2013 to 09/29/2014</p>				

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 2	
2. AMENDMENT/MODIFICATION NO. 003		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. PR-OAR-14-00334	
5. PROJECT NO. (If applicable)		6. ISSUED BY SRRPOD		7. ADMINISTERED BY (If other than Item 6)	
SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460					
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)		(x)		9A. AMENDMENT OF SOLICITATION NO.	
TECHLAW, INC. Attn: JUDY MANLEY 14500 AVION PKY STE 300 (b)(4) CHANTILLY VA 201511108				9B. DATED (SEE ITEM 11)	
		x		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-13-025 0003	
				10B. DATED (SEE ITEM 13) 10/23/2013	
CODE 116211863		FACILITY CODE			

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: \$6,000.00  
See Schedule

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) B.5 Limitation of Government's Obligation (EPA-B-32-103)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return \_\_\_\_\_ 0 \_\_\_\_\_ copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

DUNS Number: 116211863  
Ambient Air Quality Monitoring Field Quality Assurance Support  
TOPO: Scott Hamilton Max Expire Date: 09/29/2016

The purpose of this modification is to obligate funds in the amount of \$6,000.00. As a result, the total funded amount of this task order is hereby increased \$6,000.00, from \$280,580.00 to \$286,580.00.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		Elizabeth Fuller	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

EP-W-13-025/0003/003

PAGE

OF

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NAME OF OFFEROR OR CONTRACTOR

TECHLAW, INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>LIST OF CHANGES:</p> <p>Reason for Modification : Funding Only Action</p> <p>Obligated Amount for this Modification: \$6,000.00</p> <p>New Total Obligated Amount for this Award:</p> <p>\$251,580.00</p> <p>Incremental Funded Amount changed: from</p> <p>\$280,580.00 to \$286,580.00</p> <p>CHANGES FOR LINE ITEM NUMBER: 1</p> <p>Obligated Amount for this modification: \$6,000.00</p> <p>Incremental Funded Amount changed from</p> <p>\$280,580.00 to \$286,580.00</p> <p>NEW ACCOUNTING CODE ADDED:</p> <p>Account code:</p> <p>14-15-C-58D5-102A45-2505---1458DC1014-001</p> <p>Amount: \$6,000.00</p> <p>Period of Performance: 10/23/2013 to 09/29/2014</p>				

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 3	
2. AMENDMENT/MODIFICATION NO. 004		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. PR-OAR-14-00209	
6. ISSUED BY SRRPOD		7. ADMINISTERED BY (If other than Item 6)		5. PROJECT NO. (If applicable)	
CODE		CODE			
SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460					
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)		(x)		9A. AMENDMENT OF SOLICITATION NO.	
TECHLAW, INC. Attn: JUDY MANLEY 14500 AVION PKY STE 300 (b)(4) CHANTILLY VA 201511108				9B. DATED (SEE ITEM 11)	
		x		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-13-025 0003	
				10B. DATED (SEE ITEM 13) 10/23/2013	
CODE 116211863		FACILITY CODE			

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Increase:

\$46,800.00

See Schedule

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) B.5 Limitation of Government's Obligation (EPA-B-32-103)

**E. IMPORTANT:** Contractor ☒ is not, ☐ is required to sign this document and return \_\_\_\_\_ 0 \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 116211863

Ambient Air Quality Monitoring Field Quality Assurance Support

TOPO: Scott Hamilton Max Expire Date: 09/29/2016

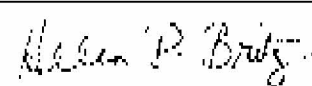
The purpose of this modification is to complete the following:

- 1) obligate funds in the amount of \$46,800.00;
- 2) change the TOCOR from Steve Peterson to Howard Pham for invoice approval purposes;
- 3) change the Alt. TOCOR from Howard Pham to Pankaj Parikh; and
- 4) update the task order SOW as attached to incorporate Scott Hamilton as the TOCOR for Task Areas 1 and 2.

The total funded amount of this task order is hereby increased \$46,800.00, from \$286,580.00

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		Helen Britz	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16C. DATE SIGNED	16B. SIGNATURE
(Signature of person authorized to sign)		04/28/2014	

## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

EP-W-13-025/0003/004

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NAME OF OFFEROR OR CONTRACTOR

TECHLAW, INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	to \$333,380.00.  LIST OF CHANGES: Reason for Modification: Funding and Administrative Action Obligated Amount for this Modification: \$46,800.00 New Total Obligated Amount for this Award: \$333,380.00 Incremental Funded Amount changed: from \$286,580.00 to \$333,380.00  CHANGES FOR LINE ITEM NUMBER: 1 Obligated Amount for this modification: \$46,800.00 Incremental Funded Amount changed from \$286,580.00 to \$333,380.00  NEW ACCOUNTING CODE ADDED: Account code: 13-E1-53GS-102A04-4183-1453PM4026-001 Amount: \$46,800.00  Period of Performance: 10/23/2013 to 09/29/2014				



<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>				1. CONTRACT ID CODE		PAGE OF PAGES	
						1      2	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
005		07/24/2014		PR-OAR-14-01327			
6. ISSUED BY		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
SRRPOD							
US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460							
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				(x) 9A. AMENDMENT OF SOLICITATION NO.			
TECHLAW, INC.							
Attn: JUDY MANLEY				9B. DATED (SEE ITEM 11)			
14500 AVION PKY STE 300							
(b)(4)				x 10A. MODIFICATION OF CONTRACT/ORDER NO.			
CHANTILLY VA 201511108				EP-W-13-025			
				0003			
				10B. DATED (SEE ITEM 13)			
CODE 116211863		FACILITY CODE		10/23/2013			
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <span style="float: right;"><input type="checkbox"/> is extended. <input type="checkbox"/> is not extended.</span> Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)				Net Increase:		\$14,777.92	
See Schedule							
<b>13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>							
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.						
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).						
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:						
X	D. OTHER (Specify type of modification and authority) B.5 Limitation of Government's Obligation (EPA-B-32-103)						
<b>E. IMPORTANT:</b> Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ 0 _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
DUNS Number: 116211863							
Ambient Air Quality Monitoring Field Quality Assurance Support							
TOPO: Scott Hamilton Max Expire Date: 09/29/2016							
The purpose of this modification is to obligate funds in the amount of \$14,777.92. As a result, the task order is now fully funded at \$348,157.92. All other terms and conditions remain unchanged.							
LIST OF CHANGES:							
Reason for Modification : Funding Only Action							
Obligated Amount for this Modification: \$14,777.92							
New Total Obligated Amount for this Award: \$348,157.92							
Continued ...							
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				Helen Britz			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16C. DATE SIGNED		16B. SIGNATURE	
(Signature of person authorized to sign)				07/24/2014			



## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

EP-W-13-025/0003/005

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NAME OF OFFEROR OR CONTRACTOR

TECHLAW, INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Incremental Funded Amount changed: from \$333,380.00 to \$348,157.92.</p> <p>CHANGES FOR LINE ITEM NUMBER: 1 Obligated Amount for this modification: \$14,777.92 Incremental Funded Amount changed: from \$333,380.00 to \$348,157.92.</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 13-E1-53GS-102A17-4183-1453PM4120-002 Amount: \$2,352.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 14-E1-53GS-102A04XPM-4183-1453PM4120-001 Amount: \$12,425.92</p> <p>Delivery Location Code: R5 LAB Region 5 Laboratory US Environmental Protection Agency 536 South Clark St Chicago IL 60605-1582 USA</p> <p>Period of Performance: 10/23/2013 to 09/29/2014</p>				

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>				1. CONTRACT ID CODE		PAGE OF PAGES	
						1      2	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
006		09/12/2014		PR-OAR-14-01327			
6. ISSUED BY		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
SRRPOD							
US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460							
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				(x) 9A. AMENDMENT OF SOLICITATION NO.			
TECHLAW, INC. Attn: JUDY MANLEY 14500 AVION PKY STE 300 (b)(4) CHANTILLY VA 201511108							
				9B. DATED (SEE ITEM 11)			
				x 10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-13-025 0003			
				10B. DATED (SEE ITEM 13) 10/23/2013			
CODE 116211863		FACILITY CODE					
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <span style="float: right;"><input type="checkbox"/> is extended. <input type="checkbox"/> is not extended.</span> Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required) See Schedule				Net Increase:		\$36,622.42	
<b>13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>							
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.						
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).						
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:						
X	D. OTHER (Specify type of modification and authority) B.5 Limitation of Government's Obligation (EPA-B-32-103); B.8 Task Order Ordering Procedures						
<b>E. IMPORTANT:</b> Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ 0 _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
DUNS Number: 116211863							
Ambient Air Quality Monitoring Field Quality Assurance Support							
TOPO: Scott Hamilton Max Expire Date: 09/29/2014							
The purpose of this modification is to (1) incorporate Techlaw's revised proposal dated 9/10/14; (2) increase the Year 1 ceiling from \$348,157.92 by \$36,622.42 to \$384,780.34 and LOE from 4,114 to 4,317; and (3) add incremental funding in the amount of \$36,622.42. Year 1 is fully funded. Additionally, the task order maximum potential expiration date has been changed from 09/29/2016 to 09/29/2014.							
LIST OF CHANGES:							
Reason for Modification : Funding Only Action							
Continued ...							
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				Helen Britz			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16C. DATE SIGNED			
(Signature of person authorized to sign)				 ELECTRONIC SIGNATURE		09/12/2014	

## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

EP-W-13-025/0003/006

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NAME OF OFFEROR OR CONTRACTOR

TECHLAW, INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Obligated Amount for this Modification: \$36,622.42 New Total Amount for this Award: \$384,780.34 Incremental Funded Amount changed: from \$348,157.92 to \$384,780.34 Maximum Potential Expiration Date changed to : 09/29/2014</p> <p>CHANGES FOR LINE ITEM NUMBER: 1 Total Amount changed from \$348,157.92 to \$384,780.34 Obligated Amount for this modification: \$36,622.42 Incremental Funded Amount changed: from \$348,157.92 to \$384,780.34</p> <p>CHANGES FOR ACCOUNTING CODE: 14-E1-53GS-102A04XPM-4183-1453PM4120-001 Amount changed from \$12,425.92 to \$49,048.34 Period of Performance: 10/23/2013 to 09/29/2014</p>				

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 007		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO.	
5. PROJECT NO. (If applicable)		6. ISSUED BY SRRPOD		7. ADMINISTERED BY (If other than Item 6) CODE	
SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460		8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) TECHLAW, INC. Attn: JUDY MANLEY 14500 AVION PKY STE 300 (b)(4) CHANTILLY VA 201511108		9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 9C. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-13-025 0003 10B. DATED (SEE ITEM 13) 10/23/2013	
CODE 116211863		FACILITY CODE			

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Decrease: -\$19,323.11  
See Schedule

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) B.5 Limitation of Government's Obligation (EPA-B-32-103); B.8 Task Order Ordering Procedures

**E. IMPORTANT:** Contractor ☒ is not, ☐ is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

DUNS Number: 116211863

Ambient Air Quality Monitoring Field Quality Assurance Support

TOCOR: Scott Hamilton Max Expire Date: 09/29/2014

The purpose of this modification is to deobligate remaining funds in the amount of \$19,323.11 and close out this expired task order.

**LIST OF CHANGES:**

Reason for Modification : Close Out

Total Amount for this Modification: -\$19,323.11

New Total Amount for this Award: \$365,457.23

Obligated Amount for this Modification: -\$19,323.11

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Helen Britz	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  Helen Britz (Signature of Contracting Officer)	16C. DATE SIGNED 06/12/2015

## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

EP-W-13-025/0003/007

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OF

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NAME OF OFFEROR OR CONTRACTOR

TECHLAW, INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>New Total Obligated Amount for this Award: \$365,457.23 Incremental Funded Amount changed: from \$384,780.34 to \$365,457.23</p> <p>CHANGES FOR LINE ITEM NUMBER: 1 Total Amount changed from \$384,780.34 to \$365,457.23 Obligated Amount for this modification: -\$19,323.11 Incremental Funded Amount changed from \$384,780.34 to \$365,457.23</p> <p>CHANGES FOR DELIVERY LOCATION: R5 LAB Amount changed from \$384,780.34 to \$365,457.23</p> <p>CHANGES FOR ACCOUNTING CODE: 13--E1-53GS-102A04-4183---1453PM4024-001 Amount changed from \$105,280.00 to \$94,346.28</p> <p>CHANGES FOR ACCOUNTING CODE: 14-15-C-58D5-102A45-2505---1458DC1014-001 Amount changed from \$6,000.00 to \$5,000.00</p> <p>CHANGES FOR ACCOUNTING CODE: 14-E1-53GS-102A04XPM-4183-1453PM4120-001 Amount changed from \$49,048.34 to \$41,658.95</p> <p>Delivery Location Code: R5 LAB Region 5 Laboratory US Environmental Protection Agency 536 South Clark St Chicago IL 60605-1582 USA</p> <p>Period of Performance: 10/23/2013 to 09/29/2014</p>				